

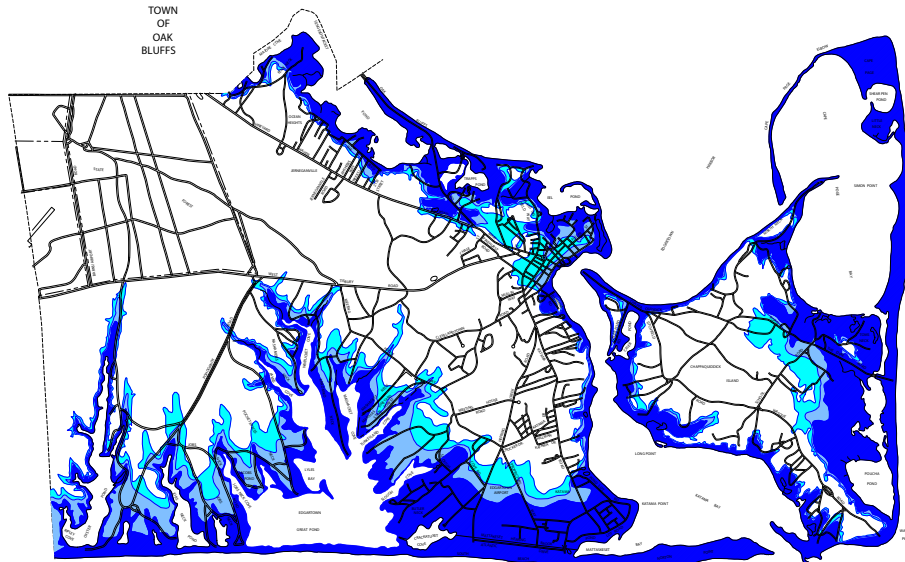


TOWN
OF
TISBURY

TOWN
OF
OAK
BLUFFS

NANTUCKET
SOUND

TOWN
OF
WEST
TISBURY



ATLANTIC
OCEAN

LEGEND

INUNDATION MATRIX

HURRICANE FORWARD SPEED (MPH)

0-20 21-40 41+

182

HURRICANE
CATEGORY

3

4

HURRICANE INUNDATION AREAS

Inundation Area A

Inundation Area B

Inundation Area C

NOTES:

1. Inundation areas were derived from the National Hurricane Center's application of the SLOSH (Sea, Lake, and Overland Surges from Hurricanes) model. Inundation areas reflect "WORST CASE" combination of hurricane direction, forward speed, landfall point, and high astronomical tide.

2. Hurricane categories 1 through 4 refer to the Saffir-Simpson scale of hurricane intensity.

3. Shaded land areas represent areas with coastal flooding potential from hurricanes of the categories and forward speeds referenced by the inundation matrix shown above. Inland areas that may only be subjected to freshwater flooding are not identified.

4. "WORST CASE" hurricane surge elevations, delineated for each inundation area are given in the surge tide profiles provided on Plate 1.

COMMONWEALTH OF MASSACHUSETTS
HURRICANE EVACUATION STUDY
INUNDATION MAP

TOWN OF
COUNTY OF
**EDGARTOWN
DUKES**

Prepared by the U.S. Army Corps of Engineers,
New England Division in cooperation with the
Federal Emergency Management Agency (Region I)
for the Massachusetts Emergency Management Agency
DECEMBER 1994

PLATE 1-36